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UNITED STATES DISTRICT COURT
NORTHERN DISTRICT OF CALIFORNIA
SAN JOSE DIVISION

IN RE: HIGH-TECH EMPLOYEE
ANTITRUST LITIGATION

THIS DOCUMENT RELATES TO:

ALL ACTIONS

Master Docket No. 11-CV-2509-LHK

**PLAINTIFFS' NOTICE OF MOTION
AND MOTION FOR CLASS
CERTIFICATION, AND MEMORANDUM
OF LAW IN SUPPORT**

Date: January 17, 2013
Time: 1:30 pm
Courtroom: 8, 4th Floor
Judge: Honorable Lucy H. Koh

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NOTICE OF MOTION AND MOTION

TO THE PARTIES AND THEIR ATTORNEYS OF RECORD:

PLEASE TAKE NOTICE that on January 17, 2013, at 1:30 p.m., before the Honorable Lucy H. Koh, in the above-entitled Court, individual and representative plaintiffs Michael Devine, Mark Fichtner, Siddharth Hariharan, Brandon Marshall, and Daniel Stover (“Plaintiffs”) will and hereby do move the Court, pursuant to Federal Rule of Civil Procedure 23, for an order certifying a class (the “Class” or “All-Employee Class”) defined as follows:

All natural persons employed on a salaried basis in the United States by one or more of the following: (a) Apple from March 2005 through December 2009; (b) Adobe from May 2005 through December 2009; (c) Google from March 2005 through December 2009; (d) Intel from March 2005 through December 2009; (e) Intuit from June 2007 through December 2009; (f) Lucasfilm from January 2005 through December 2009; or (g) Pixar from January 2005 through December 2009. Excluded from the Class are: retail employees; corporate officers, members of the boards of directors, and senior executives of all Defendants.¹

Alternatively, Plaintiffs move the Court to certify the following class of salaried technical, creative, and research and development employees (the “Technical Class”), consisting of those members of the Class with job titles listed in Appendix B of the Report of Dr. Edward Leamer (submitted herewith) defined as follows:

All natural persons who work in the technical, creative, and/or research and development fields that are employed on a salaried basis in the United States by one or more of the following: (a) Apple from March 2005 through December 2009; (b) Adobe from May 2005 through December 2009; (c) Google from March 2005 through December 2009; (d) Intel from March 2005 through December 2009; (e) Intuit from June 2007 through December 2009; (f) Lucasfilm from January 2005 through December 2009; or (g) Pixar from January 2005 through December 2009 [the “Technical Employee Class”]. Excluded from the Class are: retail employees; corporate officers, members of the boards of directors, and senior executives of all Defendants.

Plaintiffs also will and hereby do move the Court to appoint them as Class representatives

¹ Defendants are Adobe Systems Inc. (“Adobe”), Apple, Inc. (“Apple”), Google, Inc. (“Google”), Intel Corp. (“Intel”), Intuit, Inc. (“Intuit”), Lucasfilm, Ltd. (“Lucasfilm”), and Pixar, Inc. (“Pixar”) (collectively, “Defendants”).

1 and to confirm as final the Court's prior interim appointment, (*see* Dkt. 147), of Lieff, Cabraser,
2 Heimann & Bernstein, LLP, and the Joseph Saveri Law Firm as Co-Lead Class Counsel; and also
3 to appoint as Class Counsel the firms that have served on the Executive Committee, Berger &
4 Montague, P.A. and Grant & Eisenhofer, P.A. This motion is based upon this Notice of Motion
5 and Motion, the accompanying Memorandum of Law, the Report of Edward E. Leamer, Ph.D.,
6 the Declarations of Anne B. Shaver, Edward T. Colligan, Michael Devine, Mark Fichtner,
7 Siddharth Hariharan, Brandon Marshall, and Daniel Stover, all exhibits and appendices to such
8 documents, the pleadings and other documents on file in this consolidated action, and any
9 argument that may be presented to the Court.

10 **STATEMENT OF ISSUES TO BE DECIDED**

11 The issues to be decided are:

- 12 1. Whether the Court should certify as a class action the proposed Class (or
13 alternative class) defined above pursuant to Fed. R. Civ. P. 23;
 - 14 2. Whether the Court should appoint Plaintiffs as Class representatives; and
 - 15 3. Whether the Court should appoint Interim Co-Lead Counsel as Co-Lead Class
16 Counsel and interim members of the Executive Committee as Class Counsel.
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MEMORANDUM OF POINTS AND AUTHORITIES

Plaintiffs are five former employees of Defendants who seek redress for themselves and a Class of employees injured by an illegal conspiracy among seven leading high-tech companies. Defendants conspired to suppress, and actually did suppress, employee compensation to artificially low levels in violation of Section 1 of the Sherman Antitrust Act and Section 4 of the Clayton Antitrust Act, injuring Plaintiffs and the Proposed Class in the form of artificially low compensation. The conspiracy went on for years until revealed by the Antitrust Division of the United States Department of Justice in 2010:

After receiving documents produced by Defendants and interviewing witnesses, the DOJ concluded that Defendants reached “facially anticompetitive” agreements that “eliminated a significant form of competition . . . to the detriment of the affected employees who were likely deprived of competitively important information and access to better job opportunities.” The DOJ concluded that Defendants entered into agreements that were naked restraints of trade that were *per se* unlawful under the antitrust laws.

(Apr. 18, 2012 Order Granting in Part & Denying in Part Defendants’ Jt. Mot. to Dism. (“MTD Order”) at 3-4, Dkt. No. 119).

While the DOJ ultimately put an end to these illegal agreements, the government was unable to compensate the victims of the conspiracy. This is because the antitrust laws leave it to individual victims, as private attorneys general, to seek damages inflicted upon them by unlawful conspiracies and acts in furtherance thereof. The Supreme Court, therefore, “has long recognized that class actions play an important role in antitrust enforcement.” *In re TFT-LCD Antitrust Litig.*, 267 F.R.D. 291, 298-299 (N.D. Cal. 2010) (“LCDs”) (citing *Reiter v. Sonotone Corp.*, 442 U.S. 330, 344 (1979)). Plaintiffs bring this case as private attorneys general to pick up where the DOJ left off, to seek damages for themselves and for the Class.

Defendants’ joint course of conduct included a web of bilateral agreements not to compete for each other’s employees. The agreements all prohibited the companies’ solicitation of any of their employees, regardless of geography, job description, or time period. The Defendants memorialized these agreements in CEO-to-CEO emails and other documents, including “Do Not Call” lists putting each firm’s employees off-limits to other Defendants. These “gentleman’s

1 agreements,” as Defendants called them, centered around three of the most important figures in
 2 Silicon Valley: Apple CEO Steve Jobs, Google CEO Eric Schmidt, and Intuit Chairman Bill
 3 Campbell, all of whom served together on Apple’s Board of Directors throughout the conspiracy.²
 4 The agreements were developed to prevent a [REDACTED] for talent that would drive up wages
 5 across the Defendants. *See* Declaration of Anne B. Shaver (“Shaver Decl.”), Ex. 61
 6 [PIX00000229].

7 This case satisfies all the elements of Rule 23. Plaintiffs—each of whom was a salaried
 8 employee for a Defendant after that Defendant joined the conspiracy and while that Defendant
 9 participated in at least one agreement—have claims that are typical of the numerous absent Class
 10 Members. Plaintiffs and Class Members received artificially suppressed compensation resulting
 11 from the same course of Defendants’ conduct. Proving Defendants’ conspiracy will be the
 12 overriding common issue for every Class Member—which by itself can establish predominance.
 13 The conspiracy was effectuated by an interconnected network of executives through seven *nearly*
 14 *identical* bilateral agreements, the effect of which presents yet another common question. At
 15 trial, Plaintiffs will introduce evidence showing that Defendants’ conspiracy suppressed
 16 compensation for all or nearly all members of the Class.

17 To demonstrate the commonality of this proof, Plaintiffs submit the accompanying expert
 18 report of Dr. Edward E. Leamer. Dr. Leamer is a highly-credentialed economist and statistician.³
 19 Dr. Leamer studied the Defendants’ compensation data, reviewed Defendants’ internal documents
 20 about the agreements and their effects, and applied economic theory regarding labor economics to
 21 the facts. Dr. Leamer found that common evidence and methods are capable of showing that
 22 (a) the agreements had an adverse effect on compensation; and (b) as a result the compensation of
 23

24 ² The notion that these nearly identical bilateral agreements had no relationship with each other
 “strains credulity,” as the Court has recognized. MTD Order at 14.

25 ³ Dr. Leamer is the Chauncey J. Medberry Professor of Management, Professor of Economics,
 26 and Professor of Statistics at UCLA. He has authored five books and 90 articles focusing on the
 27 inferences that may appropriately be drawn from non-experimental data. He is the director of the
 UCLA Anderson Forecast, the leading neutral macro-economic forecasting service in the world.
 28 He has been a visiting scholar with the Federal Reserve Board and the International Monetary
 Fund, and has consulted with the U.S. Department of Labor and the World Bank. (Expert Report
 of Edward E. Leamer, Ph.D. (“Leamer Report”), ¶¶ 1-3, and Ex. 1 attached thereto.)

1 all or nearly all Class members was suppressed.

2 His analysis of class-wide impact proceeded in two steps. He concluded first that class-
3 wide evidence is capable of showing that the agreements suppressed class member compensation
4 generally. Such common evidence includes:

- 5 • **Labor economic studies and theory** explaining that by restricting “cold-calling” (i.e.,
6 outreach to solicit applications from candidates who are not actively seeking
7 employment) and other active competition for employees, the agreements depressed
8 compensation by impairing information flow about compensation and job offers,
9 reducing negotiating leverage of employees, and minimizing movement of employees
10 between firms;
- 11 • **Documentary evidence** showing the link between “cold calling” and increased
12 compensation, including, among others, a series of documents relating to Google’s
13 decision to implement an across the board 10% salary increase after the agreements
14 were no longer enforced in anticipation of poaching of Google’s employees (*see, e.g.*,
15 Shaver Decl., Ex. 46 [GOOG-HIGH-TECH-00193377-82], and [REDACTED]
16 [REDACTED]; and
- 17 • **Multiple regression analyses** and other statistical analyses utilizing Defendants’
18 internal compensation data, capable of showing the amount by which the agreements
19 suppressed compensation for class members, i.e., damages. Like Dr. Leamer, the DOJ
20 concluded that the agreements “disrupted the normal price-setting mechanisms” and
21 thereby suppressed compensation. (Shaver Decl., Ex. 71 [DOJ Competitive Impact
22 Statement])

23 Dr. Leamer further found that class-wide methods and evidence are capable of showing
24 that this suppression of compensation affected all or virtually all Class Members. This includes
25 not only the evidence just discussed, but additionally the following three forms of class-wide
26 proof:

- 27 • **Economic studies and theory**, especially regarding the interest of firms in preserving
28 “internal equity” (i.e., firm-wide compensation fairness), demonstrating that the
adverse effects on compensation due to a poaching ban would be felt not just by those
who would have been poached, but by salaried employees more generally due to the
needs of firms to maintain the perception of an equitable compensation structure;
- **Documentary evidence** showing Defendants’ own concerns about preserving internal
equity, as well as other documentary evidence about how Defendants responded to
such concerns, *see, e.g.*, Shaver Decl., Ex. 44 [GOOG-HIGH-TECH-00193305-08]
(*across-the-board raises*): *id.*, [REDACTED] and [REDACTED]
- **Statistical evidence**, including an additional multiple regression analysis, capable of
showing that Class member compensation is governed predominately by common
factors (given Defendants’ firm-wide compensation structure) and thus tends to move

1 together through time, as well as an analysis capable of demonstrating that employee
2 compensation, in fact, moved together. All of this proof, taken together, is capable of
3 showing that the agreements suppressed compensation of all or nearly all Class
4 members.

5 Furthermore, the evidence and methodologies discussed by Dr. Leamer are widely accepted;
6 Dr. Leamer himself testified about similar methodologies in the *In re TFT-LCD* trial that recently
7 concluded before Judge Susan Illston. *In re TFT-LCD Antitrust Litigation*, No. M07-1827- SI
(N.D. Cal.). For these and the reasons set forth below, this case should be certified.

8 **ARGUMENT**

9 **I. Legal Standards For Class Certification**

10 Class certification is appropriate if: “(1) the class is so numerous that joinder of all
11 members is impracticable; (2) there are questions of law and fact common to the class; (3) the
12 claims or defenses of the representative parties are typical of the claims or defenses of the class;
13 and (4) the representative parties will fairly and adequately protect the interests of the class.”
14 Fed. R. Civ. P. 23(a). For a damages class, there must also be questions of law or fact common to
15 class members that predominate over any questions affecting only individual members, and the
16 class action must be superior to other available methods for fairly and efficiently adjudicating the
17 controversy. Fed. R. Civ. P. 23(b)(3). “In determining the propriety of a class action, the
18 question is not whether the plaintiff or plaintiffs have stated a cause of action or will prevail on
19 the merits, but rather whether the requirements of Rule 23 are met.” *United Steel, Paper &*
20 *Forestry, Rubber, Mfg. Energy v. ConocoPhillips Co.*, 593 F.3d 802, 808 (9th Cir. 2010). While
21 “some inquiry into the substance of a case may be necessary to ascertain satisfaction of the
22 commonality and typicality requirements of Rule 23(a), it is improper to advance a decision on
23 the merits to the class certification stage.” *Moore v. Hughes Helicopters, Inc., Div. of Summa*
24 *Corp.*, 708 F.2d 475, 480 (9th Cir. 1983); *see also Ellis v. Costco Wholesale Corp.*, 657 F.3d 970,
25 983 n.8 (9th Cir. 2011) (same) (citing *Wal-Mart Stores, Inc. v. Dukes*, 131 S. Ct. 2541, 2552 n.6
26 (2011)).

27 **II. Numerosity, Typicality and Adequacy**

28 There can be no serious dispute that the class is numerous or that the representative

1 plaintiffs have typical claims and will faithfully and competently represent the Class.

2 **Numerosity.** The All-Employee Class includes more than 100,000 members, and the
3 alternate Technical Employee Class includes more than 50,000. Joinder of all class members is
4 impracticable. Fed. R. Civ. P. 23(a)(1).

5 **Typicality.** Each Plaintiff worked on a salaried basis, in a technical, creative, and/or
6 research and development job, for a Defendant. Mr. Devine worked for Adobe from October
7 2006 through July 2008. Mr. Fichtner worked for Intel from May 2008 through May 2011.
8 Mr. Hariharan worked for Lucasfilm from January 2007 through August 2008. Mr. Marshall
9 worked for Adobe from July 2006 through December 2010.⁴ Plaintiffs' claims are typical of those
10 of the Class. They allege the same injuries arising from the same conduct: suppression of their
11 compensation due to the agreements. In antitrust cases, "typicality usually 'will be established by
12 plaintiffs and all class members alleging the same antitrust violations by defendants.'" *Pecover v.*
13 *Electric Arts, Inc.*, No. 08-2820 VRW, 2010 U.S. Dist. LEXIS 140632, at *32 (N.D. Cal. Dec.
14 21, 2012) (*quoting In re Playmobil Antitrust Litig.*, 35 F. Supp. 2d 231, 241 (E.D.N.Y. 1998)).
15 "The test of typicality is whether other members have the same or similar injury, whether the
16 action is based on conduct which is not unique to the named plaintiffs, and whether other class
17 members have been injured by the same course of conduct. Typicality refers to the nature of the
18 claim or defense of the class representative, and not to the specific facts from which it arose or the
19 relief sought." *Ellis v. Costco Wholesale Corp.*, 657 F.3d 970, 984 (9th Cir. 2011) (citations and
20 internal quotation marks omitted).

21 **Adequacy.** Further, Plaintiffs "will fairly and adequately protect the interests of the
22 class." Fed. R. Civ. P. 23(a)(4). Plaintiffs and the Class have the same interest in proving that
23 Defendants' conduct violated the antitrust laws and suppressed compensation as a result. The
24 named Plaintiffs and counsel do not have any conflicts of interest with class members. Plaintiffs

25 ⁴ See Shaver Decl., Ex. 6 (Declaration of Michael Devine In Support of Plaintiffs' Motion for
26 Class Certification, ¶1); *Id.*, Ex. 7 (Declaration of Mark Fichtner In Support of Plaintiffs' Motion
27 for Class Certification, ¶1); *Id.*, Ex. 8 (Declaration of Siddharth Hariharan In Support of
28 Plaintiffs' Motion for Class Certification, ¶1); *Id.*, Ex. 9 (Declaration of Brandon Marshall In
Support of Plaintiffs' Motion for Class Certification, ¶1); and *id.*, Ex. 10 (Declaration of Daniel
Stover In Support of Plaintiffs' Motion for Class Certification, ¶1).

1 have dutifully performed their obligations as class representatives to date.⁵ Consistent with Fed.
 2 R. Civ. P. 23(g), Plaintiffs have retained highly skilled counsel with extensive experience in
 3 prosecuting antitrust cases, employment cases, and class actions. (Dkt. 144.) On June 4, 2012,
 4 the Court appointed Lieff, Cabraser, Heimann and Bernstein, LLP and Joseph Saveri Law Firm as
 5 Interim Co-Lead Counsel for Plaintiffs and the Plaintiff Class. (Dkt. 147.) Plaintiffs now request
 6 appointment of these two firms as Co-Lead Class Counsel, and appointment of the Executive
 7 Committee firms, Berger & Montague P.C. and Grant & Eisenhofer, P.A., as Class Counsel. All
 8 firms have vigorously prosecuted, and will continue to vigorously prosecute, this litigation on
 9 behalf of Plaintiffs and the Class against Defendants.

10 **III. Commonality, Predominance and Superiority**

11 To certify the Class the Court must be satisfied that adjudication of this case will involve
 12 resolution of issues of law *or* fact common to the Class, and that common issues will predominate
 13 over issues that might be individual to Class members. “To show commonality, Plaintiffs must
 14 demonstrate . . . ‘the capacity of a classwide proceeding to generate common *answers* apt to drive
 15 the resolution of the litigation.’” *Ellis v. Costco Wholesale Corp.*, 657 F.3d 970, 981 (9th Cir.
 16 2011) (quoting *Dukes*, 131 S. Ct. at 2551). The Court must further find that class prosecution is
 17 superior to individual prosecution by potentially thousands of individuals. *See Wolin v. Jaguar*
 18 *Land Rover North Am., LLC*, 617 F.3d 1168, 1176 (9th Cir. 2010) (listing superiority factors).

19 Plaintiffs address commonality (under Rule 23(a)(2)) and predominance (under Rule
 20 23(b)(3)) together because the answer to each is the same: the major factual and legal issues of
 21 whether the Defendants entered into the agreements, their scope, their duration, and their effect
 22 on compensation are *overwhelmingly* common. In this respect, the case is no different than any
 23 other price-fixing cartel. *Amchem Prods v. Windsor*, 521 U.S. 591, 625 (1997) (the requirement
 24 of predominance is “readily met in certain cases alleging . . . violations of the antitrust laws.”);
 25 *see also Cordes & Co. Fin. Servs. v. A.G. Edwards & Sons, Inc.*, 502 F.3d 91, 108-09 (2d Cir.
 26 2007).

27
 28 ⁵ *Id.*, ¶¶ 3-5.

1 **A. Fact of the Violation**

2 This case presents a classic Rule 23(b)(3) scenario where the central issue is the existence
3 and nature of Defendants’ violations of the antitrust laws. “Where an antitrust conspiracy has
4 been alleged, courts have consistently held that the very nature of a conspiracy antitrust action
5 compels a finding that common questions of law and fact exist.” *LCDs*, 267 F.R.D. at 300
6 (quoting *In re Dynamic Random Access Memory (DRAM) Antitrust Litig.*, No. 02-1486, 2006
7 U.S. Dist. LEXIS 39841, at *3 (N.D. Cal. June 5, 2006) (internal quotation marks omitted).
8 Whether an anticompetitive conspiracy exists is a common question that predominates over other
9 issues “because proof of an alleged conspiracy will focus on defendants’ conduct and not on the
10 conduct of individual class members.” *LCDs*, 267 F.R.D. at 310. (citing cases). “[T]he existence,
11 scope, and efficacy of the alleged conspiracy . . . are common questions that all plaintiffs must
12 address.” *In re Online DVD Rental Antitrust Litig.*, No. 09-2029, 2010 U.S. Dist. LEXIS 138558,
13 at *43 (N.D. Cal. Dec. 23, 2010) (quoting *In re Rubber Chems. Antitrust Litig.*, 232 F.R.D. 346,
14 351 (N.D. Cal. 2005)). Thus, what matters in this case is “what defendants did, rather than what
15 plaintiffs did.” *LCDs*, 267 F.R.D. at 310 (internal quotation marks omitted). If the Court finds
16 that common proof of Defendants’ antitrust conspiracy will be the predominant issue at trial, the
17 Court may find class certification is warranted on that basis alone. *In re Static Random Access*
18 *Memory (SRAM) Antitrust Litig.*, 264 F.R.D. 603, 611 (N.D. Cal. 2009); 6 NEWBERG ON CLASS
19 ACTIONS, § 18.25 (4th ed. 2002) (“[C]ommon liability issues such as conspiracy or
20 monopolization have, almost invariably, been held to predominate over individual issues.”); 7AA
21 Charles Alan Wright, Arthur Miller & Mary Kay Kane, *Federal Practice and Procedure*, § 1781
22 (3d ed. 2005) (“whether a conspiracy exists is a common question that is thought to predominate
23 over the other issues in the case”); *see also Cordes*, 502 F.3d at 108 (“Even if the district court
24 concludes that the issue of injury-in-fact presents individual questions, however, it does not
25 necessarily follow that they predominate over common ones and that class action treatment is
26 therefore unwarranted.”). Although discovery is incomplete, it is clear that adjudication of
27 Defendants’ unlawful conduct depends virtually exclusively on common legal and factual issues.
28

1 **1. Pixar and Lucasfilm**

2 In 1986, Steve Jobs acquired Lucasfilm's computer graphics division and re-named it
 3 Pixar. Beginning no later than 1998, Pixar and Lucasfilm agreed not to compete for each other's
 4 workers. Shaver Decl., Ex. 3 (Deposition of Lori McAdams ("McAdams Dep.") at 127:4-16;
 5 132:15). The companies agreed: (1) not to cold call each other's employees; (2) to notify each
 6 other when making an offer to an employee of the other company even if that employee applied
 7 for a job on his or her own initiative; and (3) that any offer would be "final" and would not be
 8 improved in response to a counter-offer by the person's current employer (whether Lucasfilm or
 9 Pixar). *Id.* at 145:5-146:3; *see also* Shaver Decl., Ex. 63 [PIX00002262-64] (describing "our
 10 gentleman's agreement with the Lucas companies"); Def. Lucasfilm Ltd.'s Am. Ans. To Consol.
 11 Am. Compl., ¶ 59 ("... Lucasfilm and Pixar had a general understanding that they would not
 12 actively solicit candidates from the other via cold-calling.") (Dkt. No 65.) The agreement
 13 covered all employees of the companies, and had no geographic or temporal limit. Shaver Decl.,
 14 Ex. 5 (Deposition of Jim Morris ("J. Morris Dep.") at 126:20-127:10); *id.*, Ex. 3 (McAdams Dep.
 15 at 160:23-25.) Both Pixar and Lucasfilm's senior executives monitored compliance and policed
 16 violations. *Id.*, Ex. 3 (McAdams Dep. at 149:17-151:17); *id.*, Ex. 69 [PIX00009416]. The parties
 17 clearly understood and intended that their agreement would suppress compensation. Competition
 18 for employees was "war," and Lucasfilm and Pixar agreed they would not engage in wars.⁶ As
 19 Ed Catmull, Pixar's President, explained to the head of Disney Studios (Dick Cook):

20 [REDACTED]
 21 [REDACTED]
 22 [REDACTED]
 23 [REDACTED]

24 [REDACTED] (emphasis added). Mr. Cook responded: "I agree." *Id.*

27

 28 ⁶ Shaver Decl. Ex. 65 [PIX00004051] ("We just won't get into bidding wars for the employee.");
id., Ex. 60 [LUCAS00013507] ("We have agreed that we want to avoid bidding wars").

1 **2. Apple and Pixar**

2 Pixar had a similar agreement with Apple. Beginning no later than 2004, pursuant to their
3 agreement, Pixar sought Steve Jobs's permission before making offers of employment to Apple
4 employees, regardless of whether Pixar solicited the employee or she applied independently.
5 Shaver Decl., Ex. 62 [PIX00006025]. For example, in November 2005, Pixar recruiter Howard
6 Look stated that Pixar was struggling to find candidates, but "of course cannot recruit out of
7 Apple." *Id.*, Ex. 64 [PIX00003600]. On April 30, 2007, McAdams of Pixar and Danielle
8 Lambert, Apple's head of HR, formalized the two companies' understanding on the same terms
9 as the "gentlemen's agreement" Pixar had with Lucasfilm. McAdams told her recruiting team:

10 I just got off the phone with Danielle Lambert, and we agreed that
11 effective now, we'll follow a gentlemen's agreement with Apple
12 that is similar to our Lucasfilm agreement. That is . . . we won't
13 directly solicit **any** Apple employee (including outside recruiters if
 we use them) . . . Danielle will ask her Recruiting team to follow
 the same procedure

14 *Id.*, Ex. 66 [PIX00004883] (emphasis added); *id.*, Ex. 3 (McAdams Dep. at 182:5-183:9).

15 **3. Apple and Google**

16 On February 18, 2005, Intuit Chairman (and Apple Board Member) Bill Campbell
17 assisted Jobs in bringing Google into the fold. Shaver Decl., Ex. 17 [231APPLE002140].
18 Campbell contacted Google CEO Eric Schmidt (who at the time was a member of Apple's Board)
19 to complain of Google's recruiting of Apple employees. *Id.* He reported back to Jobs: "Eric told
20 me that he got directly involved and firmly stopped all efforts to recruit anyone from Apple." *Id.*
21 That same day, Apple's head of HR Lambert reported to her staff: "Please add Google to your
22 'hands-off' list. We recently agreed not to recruit from one another so if you hear of any
23 recruiting they are doing against us, please be sure to let me know. Please also be sure to honor
24 our side of the deal." *Id.*, Ex. 23[231APPLE073139].⁷

25 Later that year, Arnon Geshuri, Google's head of recruiting, was asked to create a formal

26 ⁷ See also Apple Answer ¶ 79 ("[Apple] at times had an understanding that Apple and Google
27 would refrain from actively soliciting each other's employees unless those employees indicated
28 an interest in changing employment.") (Dkt. 174); Shaver Decl., Ex. 1 (Bentley Dep. at 13:7-
14:7).

1 “Do Not Cold Call” list of companies, including Apple, that had “special agreements” with
 2 Google not to compete for employees. The draft was presented to Google’s Executive
 3 Management Group (“EMG”), a committee consisting of Google’s senior executives, including
 4 Eric Schmidt, Larry Page, Sergey Brin, and Shona Brown (Google’s head of HR). Schmidt
 5 approved the list. Shaver Decl., Ex. 27 [GOOG-HIGH TECH-00007725]. Geshuri sent the draft
 6 “Do Not Call” list to Ms. Brown, who responded: “I would like to finalize with you Monday AM,
 7 and then present in EMG” *Id.* Schmidt responded: “This looks very good.” *Id.*, Ex. 28
 8 [GOOG-HIGH TECH-00007731]; *see also id.*, Ex. 2 (Deposition of Arnnon Geshuri (“Geshuri
 9 Dep.”) at 161:2-167:8). Geshuri added or removed a company from Google’s Do Not Call list
 10 when instructed by a member of the EMG. *Id.* at 172:6-8. When Brown asked Schmidt whether
 11 he had any concerns with sharing information regarding the “Do Not Call” list with Google’s
 12 competitors, Schmidt responded that he preferred it be shared “verbally, **since I don’t want to**
 13 **create a paper trail over which we can be sued later?”** *Id.*, Ex. 41 [GOOG-HIGH-TECH-
 14 00058410] (emphasis added). Brown responded: “makes sense to do orally. i agree.” *Id.*

15 Jobs repeatedly contacted Schmidt to enforce the agreement; each time, Schmidt directed
 16 Google recruiters to prove to Jobs that Google had adhered to it.⁸ Google even fired a recruiter
 17 who accidentally solicited an Apple employee. Shaver Decl., Ex. 24 [GOOG-HIGH TECH-
 18 00000107] (Geshuri: “the sourcer who contacted this Apple employee should not have and will
 19 be terminated within the hour. We are scrubbing the sourcer’s records to ensure she did not
 20 contact anyone else.” Brown: “Appropriate response. Please make a public example of this
 21 termination with the group.”); *id.*, Ex. 2 (Geshuri Dep. 214:7-215:20).

22
 23 ⁸ For example, on February 13, 2006, Jobs wrote to Schmidt, “I am told that Google’s new cell
 24 phone software group is relentlessly recruiting in our iPod group. If this is indeed true, can you
 25 put a stop to it?” Shaver Decl., Ex. 20 [231APPLE002149]. Schmidt promised he would
 26 “investigate immediately!” *id.*, and then forwarded the email to Brown with the instruction:
 27 “Please review and make sure we are not recruiting Apple.” *Id.*, Ex. 25 [GOOG-HIGH TECH-
 28 00007575]. Geshuri investigated the matter immediately and provided a comprehensive report
 concluding Google had adhered strictly to the agreement. *Id.* This kind of enforcement of the Do
 Not Call list happened so often that Geshuri referred to it as an “Eric firedrill.” Shaver Decl., Ex.
 32 [GOOG-HIGH TECH-00023106]; *id.*, Ex. 35 [GOOG-HIGH TECH-00024458]; *id.*, Ex. 2
 (Geshuri Dep. 255:3-260:14). Moreover, the enforcement was reciprocal. *Id.*, Ex. 1 (Deposition
 of Mark Bentley (“Bentley Dep.”) at 36:12-17) (in wake of complaints, Bentley investigated
 whether Apple had complied with agreement).

1
2 **4. Apple and Adobe**

3 Two months after entering into an agreement with Google, Jobs got Adobe to enter into a
4 nearly identical agreement with Apple. On May 26, 2005, Jobs complained to Adobe CEO Bruce
5 Chizen that Adobe was recruiting Apple employees. Shaver Decl., Ex. 18 [231APPLE002143].
6 Chizen responded, “I thought we agreed not to recruit any senior level employees . . . I would
7 propose we keep it this way. Open to discuss. It would be good to agree.” *Id.* Jobs was not
8 satisfied, and replied by threatening to send Apple recruiters after Adobe’s employees: “OK, I’ll
9 tell our recruiters that they are free to approach any Adobe employee who is not a Sr. Director or
10 VP. Am I understanding your position correctly?” *Id.* Chizen immediately gave in: “I’d rather
11 agree NOT to actively solicit any employee from either company . . . If you are in agreement I
12 will let my folks know.” *Id.* The next day, Adobe HR Vice President Theresa Townsley
13 announced to her recruiting team, “Bruce and Steve Jobs have an agreement that we are not to
14 solicit ANY Apple employees, and vice versa.” *Id.*, Ex. 19 [231APPLE002145] (emphasis in
15 original). Chizen forwarded Townsley’s email to Jobs.⁹ *Id.*; *see also id.*, Ex. 4 (Deposition of
16 Donna Morris (“D. Morris Dep.”) at 40:3-18) (the agreement came from “an understanding or
17 discussion that [Bruce] and Steve Jobs had had.”); *id.*, Ex. 16 [ADOBE_007186] (“Apple would
18 be a great target to look into, unfortunately Bruce and Steve Jobs have a gentleman’s agreement
19 not to poach each other’s talent . . .”). Adobe, in turn, placed Apple on its “Companies that are
20 off limits” list, which instructed Adobe employees not to cold call Apple employees. *Id.*, Ex. 11
21 [ADOBE_000421-22]); *id.*, Ex. 1 (Bentley Dep. at 39:25-40:3).

22 **5. Google and Intel**

23 On April 16, 2007, Intel CEO Paul Otellini wrote to an Intel recruiter, “I have an
24 unofficial no poaching policy with [Google].” Shaver Decl., Ex. 51 [76526DOC000007]. On
25 June 4, 2007, Eric Schmidt wrote Otellini re “hiring”: “I checked as to our recruiting policy with
26 Intel. ‘Intel has been listed on the Do Not Call List since the policy was created. No one in

27
28 ⁹ *See* Adobe’s Ans. To Plaintiffs’ Cons. Am. Compl., ¶ 74 (Dkt. 170). *See also* Am. Ans. of Def. Apple Inc. To Plaintiffs’ Cons. Am. Compl. (“Apple Answer”), ¶ 74 (Dkt. 174).

1 staffing directly calls, networks, or emails into the company or its subsidiaries looking for talent.’
 2 Hopefully there are no exceptions to this policy and if you become aware of this please let me
 3 know immediately!” *Id.*, Ex. 56 [76614DOC010212]. Otellini forwarded the email to Patty
 4 Murray, Intel’s Senior Vice President and Director of HR: “FYI . . . Do not fwd.” *Id.* Two days
 5 later, in an email titled “global gentleman agreement with Google,” an Intel recruiter asked
 6 Otellini and another senior executive, “Are either of you aware of any agreement with Google
 7 that prohibits us from recruiting Google’s senior talent?” *Id.*, Ex. 52 [76526DOC000011].
 8 Otellini replied, “Let me clarify. We have nothing signed. We have a handshake ‘no recruit’
 9 between eric and myself. I would not like this broadly known.” *Id.*

10 While the DOJ alleged that the Google/Intel agreement began no later than September of
 11 2007, other evidence suggests the agreement began in 2005 along with the others. For example,
 12 Google’s formal “Do Not Cold Call” list included Intel along with Apple, as “companies [that]
 13 have special agreements with Google,” and states the same “Effective” date for both Apple and
 14 Intel: “March 6, 2005.” Shaver Decl., Ex. 29 [GOOG-HIGH TECH-00008283]; *see also id.*,
 15 Ex. 38 [GOOG-HIGH TECH-00056879] (“Since the beginning of the Do Not Call List, Intel has
 16 been listed.”). As always, Intel and Google executives monitored and enforced the agreement.
 17 For example, on September 26, 2007, Otellini received an internal complaint regarding Google’s
 18 successful recruiting efforts. *Id.*, Ex. 57 [76616DOC002617] (“Paul, I am losing so many people
 19 to Google . . . We are countering but thought you should know.”). Otellini’s answer was to
 20 forward the email to Schmidt: “Eric, can you pls help here???” *Id.* Schmidt obliged and
 21 forwarded the email to his recruiting team, who prepared an “Eric firedrill” report on Google’s
 22 activities. *Id.*, Ex. 35 [GOOG-HIGH TECH-00024458]. The next day, Schmidt replied to
 23 Otellini, “If we find that a recruiter called into Intel, we will terminate the recruiter.” *Id.*, Ex. 50
 24 [76526DOC000004].

25 Apple Board member and Intuit CEO Bill Campbell even became involved in the
 26 Google/Intel agreement. In August of 2006, Campbell agreed with Google’s Jonathon Rosenberg
 27 (Senior Vice President of Product Management) that Google should call Otellini before making
 28 an offer to an Intel employee, regardless of whether the Intel employee first approached Google.

Shaver Decl., Ex. 37 [GOOG-HIGH TECH-00056790] (Rosenberg: “Campbell and I already discussed this [talking to Intel before making an offer to an Intel employee] and agreed that either way [whether Intel was treated as a “Do Not Call” company, or a “sensitive” company] I should give a courtesy call to Paul Otellini. I’m meeting with [the Intel candidate] tomorrow and I will ask him how he wants to handle communication to Intel management before we even get to the stage of specifically discussing an offer.”).

6. Google and Intuit

Bill Campbell also insisted that Google agree not to recruit Intuit employees. On June 6, 2007, Google Recruiting Director Arnon Geshuri wrote Eric Schmidt: “During a brief conversation with Shona and Bill Campbell, Bill requested that Intuit be added fully to the Do Not Call list. Currently, our non-solicit policy only covers 18 Intuit employees . . . The change to our Do Not Call policy will make our hands-off approach to Intuit explicit and ensure clarity.” Shaver Decl., Ex. 31 [GOOG-HIGH TECH-00009764]. By June 12, 2006, Intuit was added fully to the list. *Id.*, Ex. 26 [GOOG-HIGH TECH-00007715]; *id.*, Ex. 30 [GOOG-HIGH TECH-00009391] (“please update the DNC list to now include Intuit 100% do not call.”). Campbell enforced the agreement himself. For example, Campbell wrote Google’s Jonathan Rosenberg about a Google recruiter who cold called an Intuit employee asking, “Are you guys nuts?” *Id.*, Ex. 39 [GOOG-HIGH TECH-00057458]. Google’s Shona Brown reprimanded the recruiter at fault in an email on which she copied Bill Campbell, and instructed the recruiter that Intuit was on Google’s “Do Not Call” list. *Id.*; *see also id.*, Ex. 40 [GOOG-HIGH TECH-00058235] (email from Bill Campbell to Google HR Director Lazlo Bock asking “Can we please not target Intuit”).

7. Pixar-Intel, and Jobs’s Attempts to Expand the Conspiracy

Steve Jobs appears to have had an aversion to competing with other firms for workers even beyond the agreements uncovered by DOJ. Pixar maintained multiple “do not call” arrangements with its rivals in the animation business. Shaver Decl., Ex. 67 [PIX00006023]; *id.*, Ex. 61 [PIX00000229]. [REDACTED] A heavily-redacted Intel document explains that the “verbal” “agreement” also included a blanket no-hire

1 provision regardless of whether the employee applied directly, and could only be waived with
2 express approval by Pixar's CEO Ed Catmull: "We cannot recruit (including calling up, emailing
3 or enticing in any way) current Pixar employees to come work for Intel. If a Pixar employee
4 applies to Intel without being recruited by Intel, contact Pat Gelsinger [a Senior VP at Intel] and
5 explain to him a Pixar employee (provide the candidates [sic] name) has applied to Intel without
6 being recruited and he will he will [sic] contact the CEO of Pixar for approval to hire." *Id.*, Ex.
7 53 [76577DOC000466] (emphasis added). Similarly, it also appears that Apple's unlawful
8 agreements included every Defendant in this case. By the time the DOJ investigation began in
9 the summer of 2009, Apple's own "Hands Off (Do Not Call List)" included every Defendant. *Id.*,
10 Ex. 22 [231APPLE041661-62].

11 [REDACTED]
12 [REDACTED]
13 [REDACTED]
14 [REDACTED]
15 [REDACTED]
16 [REDACTED]
17 [REDACTED]
18 [REDACTED]
19 [REDACTED]
20 [REDACTED]
21 [REDACTED]
22 [REDACTED]
23 [REDACTED]
24 [REDACTED]
25 [REDACTED]
26 [REDACTED]
27 [REDACTED]
28 [REDACTED]

B. Fact of Injury and Damages

The common question of whether and to what degree these arrangements affected the compensation of Class members presents an additional predominant issue susceptible to class-wide proof. As detailed below, Plaintiffs have evidence capable of demonstrating that the compensation of all Class Members was suppressed due to the alleged conspiracy. Such evidence exceeds the requirement that Plaintiffs proffer common proof capable of showing that “*all or most* of the [class members] suffered some antitrust injury.” *Messner v. Northshore Univ. Healthsys.*, 669 F.3d 802, 818 (9th Cir. 2012) (emphasis added); *see also Kohen v. Pac. Inv. Mgmt. Co.*, 571 F.3d 672, 677 (7th Cir. 2009) (Posner, J.) (“*PIMCO*”) (the “possibility or indeed inevitability” that “a class will often include persons who have not been injured by the defendant’s conduct . . . does not preclude class certification[.]”) (citations omitted).¹⁰ The court’s inquiry in this regard is focused and circumscribed; “Plaintiffs need only advance a plausible methodology to demonstrate that antitrust injury *can be proven* on a class-wide basis.” *LCDs*, 267 F.R.D. at 311-13 (citations omitted, emphasis added) (gathering cases); *see also id.* at 313 (“[O]n a motion for class certification, the Court only evaluates whether the method by which plaintiffs propose to prove class-wide impact could prove such impact, not whether plaintiffs in fact can prove class-wide impact.”) (internal quotation marks and citations omitted).

Plaintiffs here have retained Professor Edward E. Leamer, a leading economist and statistician, to evaluate whether common evidence can be used to demonstrate that the agreements suppressed the compensation of all or most Class members, and whether the aggregate amount of

¹⁰*See also Pella Corp. v. Saltzman*, 606 F.3d 391, 394 (7th Cir. 2010) (possibility that class will include uninjured members does not preclude certification); *In re Wellbutrin SR Direct Purchaser Antitrust Litig.*, No. 04-CV-5525, 2008 U.S. Dist. LEXIS 36719, at *42 (E.D. Pa. May 2, 2008) (collecting antitrust cases holding that presence of some uninjured class members does not preclude class certification); *Meijer, Inc. v. Warner Chilcott Holdings Co. III*, 246 F.R.D. 293, 310 (D.D.C. 2007) (same); *Rubber Chems*, 232 F.R.D. at 353 (same); *J.B.D.L. Corp. v. Wyeth-Ayerst Labs., Inc.*, 225 F.R.D. 208, 218 (S.D. Ohio 2003) (same) (collecting cases); *In re Cardizem CD Antitrust Litig.*, 200 F.R.D. 297, 321 (E.D. Mich. 2001) (same).

1 compensation suppression on members of the Class can be reliably quantified using class-wide
 2 methods and evidence. Dr. Leamer answers these questions in the affirmative. Specifically,
 3 Dr. Leamer illustrates the availability of class-wide evidence of impact in two stages. First,
 4 Dr. Leamer describes abundant evidence common to all Class members capable of showing that
 5 the Defendants' agreements would tend to suppress employee compensation generally, by
 6 preventing class members from discovering the true value of their work. Second, he illustrates
 7 how class-wide proof can show that all or virtually all Class members suffered reduced
 8 compensation as a result, because better information would have led to company-wide increases
 9 to each Defendant's pay structure. Dr. Leamer's approach follows a roadmap widely accepted in
 10 antitrust class actions that use evidence of general price effects, plus evidence of a price structure
 11 to conclude that common evidence is capable of showing widespread harm to the class. *See, e.g.,*
 12 *Johnson v. Ariz. Hosp. & Healthcare Ass'n*, No. 07-cv-1292, 2009 U.S. Dist. LEXIS 122807,
 13 *29-39 (D. Ariz. July 14, 2009) (finding predominance where conduct alleged to suppress bill
 14 rates for nurses generally and evidence showed that bill rates were correlated with nurse pay
 15 rates).¹¹

16 1. Class-wide Injury

17 a. General compensation effects

18 Dr. Leamer has concluded that class-wide evidence is capable of showing that the
 19 agreements suppressed Class member compensation generally. Leamer Report, ¶ 11. He relies
 20 upon three class-wide sources for his findings in this regard. He begins by referencing **labor**
 21 **economic studies and theory**, which explain that by restricting cold-calling and other active
 22 competition over employees, the agreements were likely to depress compensation because they
 23 impaired information flow about compensation and job offers, reduced negotiating leverage of
 24 employees, and minimized movement of employees between firms. *Id.* at ¶¶ 66-80. Dr. Leamer

25 ¹¹ *See also In re Linerboard Antitrust Litig.*, 305 F.3d 145, 153-55 (3d Cir. 2002) (endorsing
 26 regression plus pricing structure study to show class-wide impact); *In re Aftermarket Automotive*
 27 *Lighting Prods. Antitrust Litig.*, 276 F.R.D. 364, 369-374 (C.D. Cal. 2011) (crediting analysis
 28 involving regressions and pricing structure analysis in certifying class); *In re Ethylene Propylene*
Diene Monomer (EPDM) Antitrust Litig., 256 F.R.D. 82, 95 (D. Conn. 2009) (structure evidence
 capable of showing market-wide effects).

describes, for instance, how Defendants’ restrictions on competition for employees would have the effect of suppressing compensation by inhibiting the ability of employees to discover and obtain the competitive value of their services from the Defendant- employers (the “Price Discovery” framework). *Id.* at ¶¶ 71-76. He explains further that by limiting the information available to employees, Defendants could avoid taking affirmative action, including offering their workers financial incentives, to create loyalty and retain employees who had developed firm-specific skills and knowledge of value to each Defendant. *Id.* at ¶¶ 77-80.

Dr. Leamer also relies on **documentary evidence**—common to the class as a whole—also capable of showing the link between suppressed “cold calling” and compensation reduction.

Leamer Report, ¶¶ 81-88. [REDACTED]

[REDACTED] *id.*, Ex. 67 [PIX00006023] (“Our people are becoming really desirable and we need to nip this in the bud.”); *id.*, Ex. 34 [GOOG-HIGH TECH-00023206] (“The Recruiting Wars: How To Beat Google To Tech Talent”). Defendants viewed cold-calling as a critical method of competing for workers—i.e., winning the “war.” *Id.*, Ex. 42 [GOOG-HIGH TECH-00056840] (“Cold calling into companies to recruit is to be expected unless they’re on our ‘don’t call’ list.”); *id.*, Ex. 36 [GOOG-HIGH TECH-00053680] (“[O]ver the 8 years of my executive search experience, I’ve worked with hundreds of clients. And for every search assignment, the first thing we do is to target the direct competitors of the respective clients.”); *id.*, Ex. 4 (Donna Morris Dep. at 57:3-20) (“[O]ften the very best candidates might not necessarily be looking for Adobe . . . And so recruiting is a big, big aspect.”); *id.*, Ex. 13 [ADOBE_001092] (“Apple would be a great target to look into. Unfortunately, Bruce and Steve Jobs have a gentleman’s agreement not to poach eachother’s [sic] talent.”); *id.*, Ex. 33 [GOOG-HIGH TECH-00023132] (as soon as eBay and PayPal were removed from Google’s Do Not Call list, “staffing

1 is ready to pursue several hundred leads and candidates”); [REDACTED]

2 [REDACTED]
3 [REDACTED]
4 Defendants’ documents make clear what a difference soliciting from even a single firm
5 can make to compensation levels of employees at competing firms. *See, e.g.,* [REDACTED]

6 [REDACTED]
7 [REDACTED]
8 [REDACTED] *id.*, Ex. 43 [GOOG-HIGH TECH-00192980] [REDACTED]
9 [REDACTED]

10 [REDACTED]. An illustrative example is the result of Facebook’s recruiting
11 efforts on the compensation of Google employees. Like Google and Apple during the conspiracy
12 period, Facebook was a premier destination for high-tech employees, and Facebook hired at a
13 rapid pace. Between 2005 and 2011, Facebook expanded its employees by up to 50% per year,
14 hiring 1,073 employees between 2010 and 2011. Leamer Report, ¶ 108. [REDACTED]
15 [REDACTED], Facebook solicited
16 employees of Google. Google followed these recruiting efforts closely at the highest levels,
17 including discussing them with Intuit Chairman and Apple Director Bill Campbell. *See, e.g., id.*,
18 Ex. 58 [INTUIT_000013] (“increased Facebook activity in the last 3 months versus the beginning
19 of the year. They do seem to have gotten more serious once more about coming after Googlers.”).

20 The documents further show that by October 2010, Google conducted detailed studies of
21 Facebook’s solicitation strategy. [REDACTED]
22 [REDACTED]

23 [REDACTED] e.” *Id.*, Ex. 45, at 361 [GOOG-HIGH-TECH-
24 00193360] [REDACTED]
25 [REDACTED]
26 [REDACTED]

27 [REDACTED] Now that it could no longer enter into unlawful non-
28 compete agreements, Google responded by conducting [REDACTED]

1 [REDACTED]
 2 [REDACTED] *Id.* at 364. Another initiative was “Proactive identification of possible
 3 Facebook targets” that included making proactive “compensation reviews.” *Id.*

4 According to documents produced, approximately two months after the DOJ’s antitrust
 5 investigation was made public, [REDACTED]

6 [REDACTED]
 7 [REDACTED]
 8 [REDACTED] and discussed it extensively beforehand with Intuit’s Chairman Bill
 9 Campbell and Intel’s CEO Paul Otellini.¹² This documentary evidence confirms the mechanisms
 10 behind the agreements’ effect on compensation. Adobe’s Senior Vice President of Global Human
 11 Resources testified that Adobe employees would take note of the raise and wonder whether
 12 Adobe would offer them a raise as well. *Id.*, Ex. 4 (Donna Morris Dep. at 124:14-125:5); *id.*, Ex.
 13 47 [GOOG-HIGH-TECH-00194984-5] [REDACTED]

14 [REDACTED]
 15 Finally, Dr. Leamer bolsters his findings with standard and well-accepted forms of
 16 **econometric analysis** implementing solely class-wide evidence and methods.¹³ Dr. Leamer
 17 performs an analysis capable of showing that employees who changed firms received higher
 18 compensation than those who stayed, reflecting the economic theory of price-discovery at work
 19 with respect to the Class. Leamer Report, ¶¶ 89-93. Dr. Leamer also conducts an analysis
 20 capable of showing that the inception of most of the agreements in 2005 coincided with a period
 21 of growth of the Defendant firms--periods in which, in the absence of the agreements, cold-
 22 calling would have been expected to cause increased revenues, translating into increased
 23 compensation. *Id.*, ¶¶ 94-100. Dr. Leamer also demonstrates a multiple regression analysis

24 ¹² See, e.g., Shaver Decl., Ex. 48 [GOOG-HIGH-TECH-00196204-6]; *id.*, Ex. 49 [GOOG-HIGH
 25 TECH-00196286-7].

26 ¹³ “A regression is a statistical tool designed to express the relationship between one variable,
 27 such as price, and explanatory variables that may affect the first variable. Regression analysis can
 28 be used to isolate the effect of an alleged conspiracy on price, taking into consideration other
 factors that might also influence price, like cost and demand.” *In re Aftermarket Auto. Lighting*
Prods. Antitrust Litig., 276 F.R.D. 364, 371 (C.D. Cal. 2011) (internal quotation marks and
 citation omitted).

1 capable of estimating damages to the class. His damages analysis illustrates how class members
 2 were undercompensated by comparing compensation during the conspiracy with compensation in
 3 a conspiracy-free but-for world. *Id.*, ¶¶ 141-48. Dr. Leamer’s analysis is corroborated by the
 4 DOJ, which concluded that the agreements “disrupted the normal price-setting mechanisms” and
 5 thereby suppressed compensation. Shaver Decl., Ex. 71 [DOJ Statement].

6 **b. Compensation structure and Class-wide impact**

7 Dr. Leamer also found that class-wide methods and evidence are capable of showing that
 8 antitrust “impact,” in the form of wage suppression, affected all or nearly all Class members.
 9 Such common proof includes not only the class-wide evidence just discussed, but three more
 10 types of class-wide evidence. Leamer Report, ¶ 101. Dr. Leamer looks to **economic studies**
 11 **and theory**, especially regarding the interest of firms in preserving “internal equity,”
 12 demonstrating that the adverse effects on compensation due to a poaching ban would be felt not
 13 just by employees who would have been poached, but employees firm-wide, due to the needs of
 14 firms to maintain a stable internal salary structure. *Id.* at ¶¶ 102-06. These studies focus on the
 15 employers’ need to promote their employees’ perception of fairness in compensation among
 16 workers within their company. *Id.* at ¶ 104. As these studies show, if Defendants are committed
 17 to internal equity—an issue susceptible to proof through common evidence—restricting
 18 competition for even some of a firm’s employees affects salaries firm-wide. *Id.* at ¶¶ 101-06.

19 Dr. Leamer also relies on **documentary evidence and testimony** showing Defendants’
 20 own concerns about preserving internal equity. Leamer Report, ¶¶ 107-119. [REDACTED]

21 [REDACTED]
 22 [REDACTED]
 23 [REDACTED]. Additionally, the same internal documents mentioned in the section above confirm the
 24 impact of outside recruiting on the companies’ internal pay structures. [REDACTED]

1 [REDACTED]
2 [REDACTED]
3 [REDACTED]
4 [REDACTED]
5 [REDACTED]. This is an illustration of all three frameworks referenced in Dr. Leamer's report:
6 (1) Price Discovery; (2) Fairness and Loyalty; and (3) Firm Specific Assets. Leamer Report,
7 ¶ 112.

8 Price discovery operates when employees discover information regarding their labor's
9 value by receiving an offer from a competing employer, use that information to negotiate higher
10 salaries at their current employer, and so on, in an iterative process. Fairness and loyalty operate
11 to place pressure on employers to react to or anticipate employee resentment at a perceived
12 "unfair bump" in pay, increasing pressure to match compensation increases broadly. Shaver
13 Decl., Ex. 59 [INTUIT_039099] ([REDACTED])
14 [REDACTED]. The firm-specific asset framework operates where an employer uses
15 compensation to protect against loss of firm-specific knowledge or skill. *See, e.g., id.* [REDACTED]
16 [REDACTED]
17 [REDACTED]
18 [REDACTED]
19 [REDACTED]
20 [REDACTED]
21 [REDACTED]
22 [REDACTED]
23 [REDACTED]
24 [REDACTED]
25 [REDACTED]
26 [REDACTED]
27 [REDACTED]
28 [REDACTED]

1 [REDACTED]
2 [REDACTED]
3 [REDACTED]
4 Finally, in addition to economic studies and Defendants' documents, Dr. Leamer looked
5 to **statistical evidence**, including a multiple regression analysis developed with Defendants' own
6 data, showing not only that Class member compensation is governed largely by common factors
7 (given Defendants' firm-wide compensation structure), and thus tends to move together through
8 time, but also an analysis finding that employee compensation, in fact, tended to moved together
9 throughout the relevant period. Leamer Report, ¶¶ 127-34. Specifically, Dr. Leamer's regression
10 analysis finds that [REDACTED]
11 [REDACTED]
12 [REDACTED]

13 This
14 confirms there "was a systematic structure to employee compensation at each of the Defendant
15 firms." *Id.*, ¶ 130. Dr. Leamer also graphically illustrates the presence of persistent pay
16 structures among the Defendants' workforces by showing how the compensation for workers with
17 different titles tended to maintain a stable relationship over time. *Id.*, ¶¶ 132-134. In sum, Dr.
18 Leamer identifies an extensive body of class-wide evidence, and applies generally-accepted labor
19 and economic analyses, capable of showing that Class members' compensation was artificially
20 suppressed due to the agreements, and that this suppression was, at the very least, widespread
21 throughout the Class. *See In re NASDAQ Market-Makers Antitrust Litig.*, 169 F.R.D. 493, 523
22 (S.D.N.Y. 1996) ("Neither a variety of prices nor negotiated prices is an impediment to class
23 certification if it appears that plaintiffs may be able to prove at trial that, as here, the price range
24 was affected generally."); *In re Flat Glass Antitrust Litig.*, 191 F.R.D. 472, 486 (W.D. Pa. 1999)
25 ("[E]ven though some plaintiffs negotiated prices, if plaintiffs can establish that the base price
26 from which these negotiations occurred was inflated, this would establish at least the fact of
27 damage, even if the extent of the damage by each plaintiff varied.").

28 **2. Damages**

Dr. Leamer has determined that Plaintiffs can use reliable methods to compute damages

1 by applying class-wide methods and analyses. Leamer Report, ¶ 135-48. Plaintiffs need only
 2 demonstrate the ability to calculate *aggregate* damages to the Class, and thus, need only prove
 3 that aggregate damages are susceptible to class-wide proof. *See, e.g., Cardizem*, 200 F.R.D. at
 4 324 (“As observed by a leading commentator on class actions: ‘aggregate computation of class
 5 monetary relief is lawful and proper.’”) (citing 3 NEWBERG ON CLASS ACTION, § 10.05 (4th Ed.
 6 2005)). It is also well-established that any need to perform individual damages calculations will
 7 not defeat certification. *See Yokoyama v. Midland Nat’l Life Ins. Co.*, 594 F.3d 1087, 1094 (9th
 8 Cir. 2010).

9 Dr. Leamer concludes that common evidence and a regression approach can be used to
 10 create a model for quantifying the estimated cost to Class members of Defendants’ challenged
 11 conduct in terms of percentage of wage suppression during the periods when anti-recruiting
 12 agreements were in effect for each Defendant. Leamer Report, ¶ 141-48. Dr. Leamer
 13 demonstrates a model that estimates undercompensation for Defendants’ employees on a year-by-
 14 year and defendant-by-defendant basis. *Id.*, ¶ 145, Fig. 22. The model allows the effectiveness of
 15 the agreements to vary over time and among different kinds of workers. *Id.*, ¶ 146. Dr. Leamer
 16 also demonstrates a model that estimates damages for members of the alternative Technical Class.
 17 *Id.*, ¶ 147, Fig. 24.

18 C. **Class Relief is Superior to Individual Actions, and the Class Properly**
 19 **Includes All Salaried Employees—Or, Alternatively, All Employees with**
 20 **Technical, Creative, or Research and Development Positions**

21 1. **Class treatment is superior for all employees**

22 Class treatment is by definition superior to thousands of individual claims in an antitrust
 23 case where common issues of liability and impact predominate. *LCDs*, 267 F.R.D. at 314 (“if
 24 common questions are found to predominate in an antitrust action . . . the superiority prerequisite
 25 of Rule 23(b)(3) is satisfied”) (internal quotations omitted). Class members’ individual damages,
 26 even after mandatory trebling, are insufficiently large to warrant individual litigation. *Id.* at 314-
 27 315 (in antitrust cases, individual damages “‘are likely to be too small to justify litigation, but a
 28 class action would offer those with small claims the opportunity for meaningful redress’”) (quoting *SRAM*, 2008 U.S. Dist. LEXIS 107523, at *49). Class treatment will also be more

manageable and efficient than hundreds or thousands of individual actions litigating the same issues with nearly identical proof. *See, e.g., EPDM*, 256 F.R.D. at 104 (predominance of common issues implies superiority of class treatment). Either Defendants colluded or they did not; either their conspiracy artificially suppressed their compensation structures or it did not. Any trial here will focus on these questions and the same evidence, whether it involves a single employee or the Class as a whole.

The proposed All-Employee Class includes salaried employees of Defendants who, like the individual and representative Plaintiffs, worked for a Defendant while that Defendant participated in the alleged conspiracy. The Class definition is broad because Defendants designed their agreements to restrict competition for “ANY” employee,¹⁴ and Defendants enforced their agreements across a wide variety of employees to accomplish their goal.¹⁵

Examples of Defendants’ broad enforcement of the agreements abound. Apple’s head of HR received assurances from her team that a Google employee who applied for a “Sous Chef” position at Apple did so without being recruited, and the relevant HR personnel were made aware of “the sensitivity around this”: “We are not recruiting these folks” Shaver Decl., Ex. 21 [231APPLE002217]. Steve Jobs complained to Eric Schmidt to eliminate potential recruiting of Apple employees in the “iPod group.” *Id.*, Ex. 20 [231APPLE002149]. Pixar could not hire an administrative assistant from Apple without Steve Jobs’s personal approval.¹⁶ Google terminated a recruiter for daring to recruit an Apple engineer. *Id.*, Ex. 24 [GOOG-HIGH TECH-00000107].

[REDACTED]; Leamer Report, ¶ 120. The proposed All-Employee Class includes Sous Chefs, engineers, administrative assistants, and others, because all of these employees were harmed by the same course of wrongful conduct, and would all rely upon the same evidence to prove their damages.

¹⁴ Shaver Decl., Ex. 12 [ADOBE_000853].

¹⁵ *See, e.g.,* Shaver Decl., Ex. 5 (J. Morris Dep. at 126:20-127:10); *id.*, Ex. 3 (McAdams Dep. at 160:23-25); *id.*, Ex. 1 (Bentley Dep. at 17:21-18:2); *id.*, Ex. 4 (D. Morris Dep. at 226:22-227:5).

¹⁶ Shaver Decl., Ex. 68 [PIX00006025].

2. **In the alternative, class treatment would be superior for a technical, creative, and research and development subset of the Class**

Should the Court conclude that a class of all salaried workers would not be viable, Plaintiffs move, in the alternative, to certify a class of salaried employees who worked in the technical, creative, and research and development positions (the “Technical Class”).¹⁷ Although Defendants’ agreements applied to all salaried employees and suppressed compensation for all salaried employees, there is some evidence that they arose in part because of their concern about losing specialized talent to certain competitors. Shaver Decl., Ex. 55 [76606DOC000420] (“We have an agreement NOT to hire top talent (esp. technical) away from each other.”); Ex. 68 [PIX00006025] (“The key is to stay away from the engineers.”). Dr. Leamer demonstrates that, just as with the class of all salaried employees, the members of the Technical Class were also paid according to a compensation structure; as with the All-Employee Class, their compensation at any point in time can be explained by common variables. Leamer Report, ¶ 131, Figs. 13 and 14. Dr. Leamer also demonstrates that his multiple regression analysis can estimate the degree of wage suppression (*i.e.*, damages) suffered by Technical Class employees of each Defendant, just as with the All-Employee Class. Leamer Report, ¶ 147-148, Figs. 23 and 24. All the other theoretical, documentary and statistical evidence in his report is by definition common and relevant to members of the Technical Class, who are simply a sub-set of the All-Employee Class. Plaintiffs satisfy the criteria for certification of either class.

CONCLUSION

For the foregoing reasons, Plaintiffs respectfully request that the motion be granted, and that the Court certify either the All-Employee Class or the Technical Employee Class.

¹⁷ The precise titles are set out in Dr. Leamer’s Report, as well as the procedure by which the titles were identified. *See* Appendix B to Leamer Report.

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